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CLAIMS

2 steps of:

1. A method of generating a control signal comprising the  
determining the location of a first mobile radio terminal;  
determining the location of a second mobile radio terminal;  
comparing the locations of the terminals; and  
generating a control signal based upon said comparison.

2. The method of claim 1, wherein the step of generating a  
control signal based upon said comparison comprises the step of generating  
a control signal if the locations of the first and second mobile radio termi-  
nals are within a specified distance of one another.

3. The method of claim 1, wherein the step of generating a  
control signal based upon said comparison comprises the step of generating  
a control signal if the locations of the first and second mobile radio termi-  
nals are separated by at least a specified distance.

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4. The method of claim 1, wherein the first mobile radio terminal comprises a mobile communication device and the second mobile radio terminal comprises a key permitting operation of the mobile communication device only when the key is within a specified distance from the mobile communication device, and wherein the step of generating a control signal based upon said comparison comprises the step of generating a mobile communication device activation signal if the locations of the mobile communication device and the key are within the specified distance.

5. The method of claim 1, wherein the step of generating a control signal based upon said comparison comprises the step of generating a control signal if the first mobile radio terminal is at a first specified location and the second mobile radio terminal is at a second specified location.

6. The method of claim 5, wherein the first specified location is spatially separated from the second specified location.

7. The method of claim 1, wherein the first and second mobile radio terminals operate in a wireless communications system including a base station and a location server communicating therewith, and wherein the comparing and generating steps are performed at the location server.

8. The method of claim 1, wherein the comparing and generating steps are performed at one of the first and second mobile radio terminals.

9. The method of claim 1, wherein the locations of the first and second mobile radio terminals are determined by either a global or a cellular positioning system, or a combination thereof.

10. The method of claim 1, wherein the comparing step further comprises the step of comparing a current time with a preselect time.

11. The method of claim 10, wherein the generating step comprises the step of generating a control signal if the first mobile radio terminal is at a first specified location, the second radio terminal is at a second specified location and the current time matches the preselect time.

12. A method of generating a control signal comprising the steps of:

determining locations of N mobile radio terminals, wherein  $N \geq 2$ ;

comparing the locations of the N mobile terminals with M different specified locations, wherein  $M \leq N$ ; and

generating, in response to said comparison, a control signal if at least one of the N mobile radio terminals is located at each of the M different specified locations.

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13. The method of claim 12, wherein the step of determining  
locations of N mobile radio terminals comprises the step of continuously  
monitoring, via a location server, the locations of the N mobile radio terminals.

14. The method of claim 12, wherein the N mobile radio  
terminals operate in a wireless communications system including a base  
station and a location server communicating therewith, and wherein the  
comparing and generating steps are performed at the location server.

15. A method of generating a control signal comprising the  
steps of:  
determining locations of N mobile radio terminals, wherein  
 $N \geq 2$ ;  
comparing the locations of the N mobile radio terminals with  
N specified locations assigned to each of the N mobile radio terminals; and  
generating, in response to said comparison, a control signal if  
each of the N mobile radio terminals is located at its assigned location.

16. The method of claim 15, wherein the N specified locations include N different specified locations.

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4 17. A method of generating a control signal comprising the  
steps of:

6 receiving, at a location server, an initiation signal from a first  
mobile radio terminal, said initiation signal including the location of the first  
mobile radio terminal;

8 transmitting, by the location server, a location query to a  
second mobile radio terminal;

10 reporting, by the second mobile radio terminal, the location of  
the second mobile radio terminal in response to the location query;

12 comparing, at the location server, the locations of the first and  
second mobile radio terminals; and

14 generating a control signal based upon said comparison.

18. The method of claim 17, wherein the step of generating  
a control signal based upon said comparison comprises the step of trans-  
mitting, by the location server, a control signal activating the first mobile  
radio terminal for use if the locations of the first and second mobile radio  
terminals are either within, or separated by, a specified distance.

19. The method of claim 18, wherein the first mobile radio  
terminal comprises a mobile communication device, and wherein the second  
mobile radio terminal comprises a key permitting operation of the mobile  
communication device only when the locations of the mobile communica-  
tion device and the key are within the specified distance.

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*sub a*

20. The method of claim 17, wherein the step of generating a control signal based upon said comparison comprises the step of generating a control signal if the first mobile radio terminal is at a first specified location and the second mobile radio terminal is at a second specified location spatially separated from the first specified location.

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*sub b*

21. The method of claim 17, wherein the comparing step further comprises the step of comparing, at the location server, a current time with a preselect time.

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*sub c*

22. The method of claim 21, wherein the generating step comprises the step of generating a control signal if the first mobile radio terminal is at a first specified location, the second mobile terminal is at a second specified location and the current time matches the preselect time.

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23. A method of generating a control signal comprising the  
2 steps of:

4 receiving, at a location server, an initiation signal from a first  
mobile radio terminal;

6 transmitting, by the location server, a location query to the  
first mobile radio terminal and a second mobile radio terminal;

8 reporting, by the first and second mobile radio terminals,  
respective locations of the first and second mobile radio terminals in re-  
sponse to the location query;

10 comparing, at the location server, the received locations of the  
first and second mobile radio terminals; and

12 generating a control signal based upon said comparison.

24. The method of claim 23, wherein the step of generating  
a control signal based upon said comparison comprises the step of trans-  
mitting, by the location server, a control signal activating the first mobile  
radio terminal for use if the locations of the first and second mobile radio  
terminals are either within, or separated by, a specified distance.

25. The method of claim 24, wherein the first mobile radio  
terminal comprises a mobile communication device, and wherein the second  
mobile radio terminal comprises a key permitting operation of the mobile  
communication device only when the locations of the mobile communica-  
tion device and the key are within the specified distance.

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26. The method of claim 23, wherein the step of generating a control signal based upon said comparison comprises the step of generating a control signal if the first mobile radio terminal is at a first specified location and the second mobile radio terminal is at a second specified location spatially separated from the first specified location.

27. A method of generating a control signal comprising the steps of:

monitoring, at a location server, locations of N mobile radio terminals, wherein  $N \geq 2$ , said location server remote from the N mobile radio terminals;

comparing, at the location server, the monitored locations of the N mobile radio terminals; and

generating, at the location server, a control signal based upon said comparison.



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28. The method of claim 27, wherein  
the step of comparing, at the location server, the monitored  
locations of the N mobile radio terminals comprises the step of comparing  
the monitored locations of the N mobile radio terminals with M different  
specified locations, wherein  $M \leq N$ , and  
the step of generating, at the location server, a control signal  
based upon said comparison comprises the step of generating, at the loca-  
tion server, a control signal if at least one of the N mobile radio terminals is  
located at each of the M different specified locations.

29. The method of claim 27, wherein the comparing and  
generating steps comprise the steps of:  
comparing, at the location server, the monitored locations of  
the N mobile radio terminals with N specified locations assigned to each of  
the N mobile radio terminals; and  
generating, at the location server in response to said compari-  
son, the control signal if each of the N mobile radio terminals is located at  
its assigned location.

30. The method of claim 29, wherein the N specified loca-  
tions include N different specified locations.

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